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RR

17/1930Z JAN 79

HQ ADCOM PETERSON AFB CO/XP

HQ USAF WASH DC/RDB/RDS/X00/X0X/X0K

SUBJ: SIMPLIFIED PROCESSING STATION (SPSS) ALTERNATIVES

1. REFERENCES:

A. ADCOM BRIEFING TO THE AIR STAFF, JCS AND OSD/C3, 1-2 AUG 78.

SUBJECT: SPS ALTERNATIVES.

B. PMD NO. R-S 4-047(32) FOR DEFENSE SUPPORT PROGRAM (DSP), 22 NOV 78.

C. HQ USAF/RDS LTR TO DCA, SUBJECT: MOBILE TERMINALS FOR THE DEFENSE SUPPORT PROGRAM, DATED 27 DEC 78.

D. FY80 BUDGET ESTIMATE SUBMISSION IN PREPARATION.

E. ADCOM/SAC 5-78 JOINT OPERATIONAL REQUIREMENT (JOR) FOR SURVIVABLE MISSILE ATTACK AND NODET SURVEILLANCE INFORMATION, 9 NOV 78.

F. THE REFERENCE 1A BRIEFING WAS THE ADCOM POSITION ON THE DEFENSE SUPPORT PROGRAM (DSP) *b1* SURVIVABILITY VALIDATED FOR ADCOM ROC 3-77. SIX SINGLE STRING SPSS WERE RECOMMENDED ALONG WITH NEAR-TERM SYSTEMS USING *b1*

PARAGRAPH 2E(4) OF REF 1B

HAJ BAKER/XPDS/3201/6 JAN 79

REQUESTED THAT ADCOM SUBMIT A SYSTEM OPERATIONAL CONCEPT (SOC) FOR MOBILE RECEIVING TERMINALS BY 1 FEB 79. PARAGRAPH 3, REF 1C, STATES THAT SIX MOBILE GROUND TERMINALS WILL BE BOUGHT INSTEAD OF SPSS WITH OPERATIONALLAVAILABILITY PHASED FROM CY4Q/82 TO CY2Q/84. WE UNDERSTAND THAT THE FY80 BUDGET CONTAINS FUNDS IN FY81-82 TO SUPPORT THIS DEPLOYMENT. THE ADCOM/SAC GOR, REF 1E, SUPPORTS THE REQUIREMENT 6/

3. IN ORDER TO COMPLETE THE SOC BY 1 FEB AND OUR PROGRAM OBJECTIVE MEMORANDUM (POM) PRESENTATION TO THE PROGRAM REVIEW COMMITTEE ON 22 JAN 79 BASED ON VALIDATED REQUIREMENTS, REQUEST CLARIFICATION ON THE FOLLOWING ITEMS:

- A. THE SPS CONCEPT FOR 6/ SURVIVABILITY, INCLUDING THE CRITICAL SATELLITE STATUS CAPABILITY AS PRESENTED IN REF 1A.
- B. HGT CONCEPT AND FORCE STRUCTURE FOR 6/ SURVIVABILITY AS SUPPORTED BY THE 9 NOV 78 ADCOM/SAC GOR.
- C. FUTURE USE OF THE PROTOTYPE SPS WHEN THE HGT IS PROCURED.
- D. USE OF THE 6/ AS AN EMERGENCY NEAR-TERM BACKUPS CAPABILITY AS PRESENTED IN REF 1A.

4. IN THE ABSENCE OF EXPLICIT VALIDATION OF SUBMITTED ADCOM

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REQUIREMENTS IN REF 1A AND 1E. WE ARE PROCEEDING WITH THE SOC AND POM
USING THE CONCEPT THAT THE PROTOTYPE SPS, A FULLY CAPABLE b1
WILL PARTIALLY FULFILL OUR NEAR-TERM b1
BACKUP REQUIREMENTS AND SIX HGTS WILL FULFILL OUR MID-TERM b1
REQUIREMENTS. ALSO, THE NEED AND ALTERNATIVES
FOR CRITICAL STATUS DATA WILL BE DISCUSSED IN THE SOC.

MAJ BAKER